Amendments to the Specification

Please replace the paragraph at page 15, lines 13 through 23 with the following amended paragraph:

The reactor used during the various experiments was machined from a square copper block, ~7.62 cm (~3 inches) square and ~15.24 cm (~6 inches) in height. The diameter of the inner channels was ~1.27 cm (~0.5 inches). Figure 2 shows a cut-away view of the reactor. ~~Reactor 30~~ Reactor 26 includes first melt inlet 32 and second melt inlet 34 for receiving one or more liquid melts. First melt inlet 32 has first exit 36, which connects to first channel 38. Second melt inlet 34 has second exit 40, which connects to second channel 42. First channel 38 and second channel 42 intersect at point 44 to allow liquid melts to mix with each other. First channel 38 and second channel 42 separate and later intersect again farther down stream at second point 46 to combine and mix in exit conduit 46. The melts in each channel exit reactor 30 through conduit 48 to enter, for example, a crucible.